

CORROSION PREVENTION ON COPPER

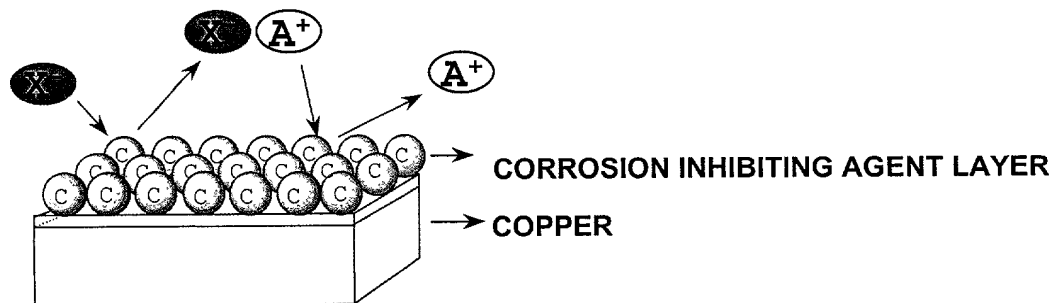
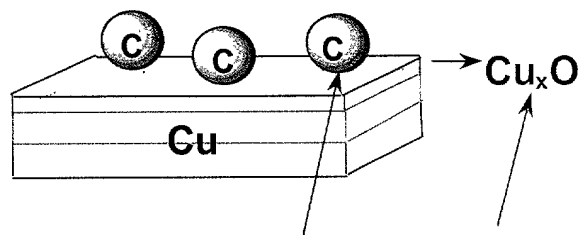


FIGURE 1

CONTAMINATION TEST*



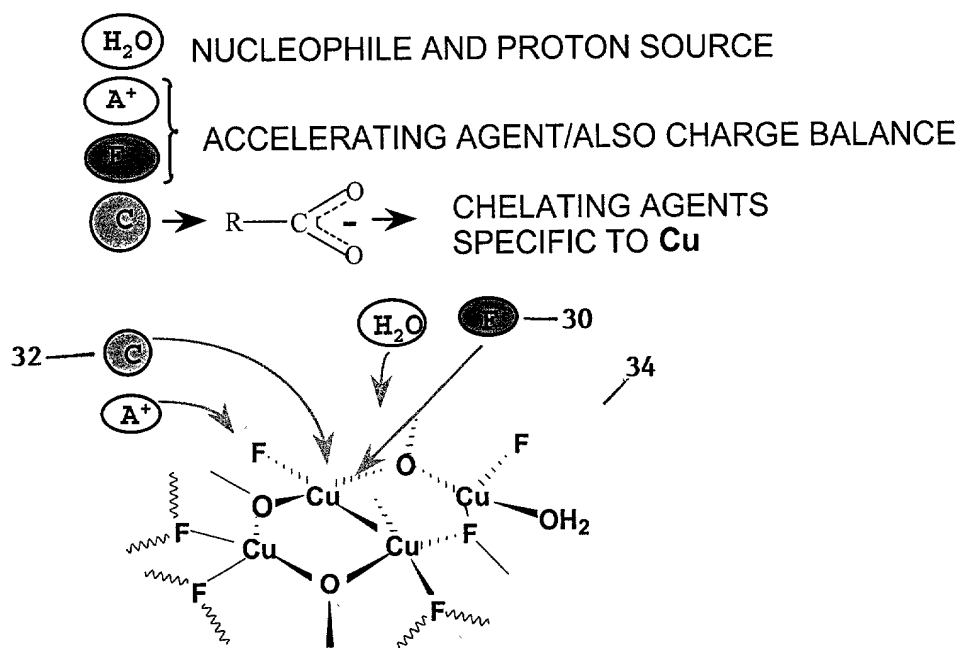
SAMPLE**	Cu (atoms/cm ²)	F (atoms/cm ²)	C (atoms/cm ²)	Cu _x O (Å)
CONTROL	1.6 x 10 ¹⁰	3.3 x 10 ¹³	7.5 x 10 ¹³	42
Matrix 2 + IMINODIACETIC ACID INHIBITOR	8.5 x 10 ⁹	5.1 x 10 ¹³	1.5 x 10 ¹³	15

* Blanket Cu and Si Films Processed Together,
20 mL of Chemical (25 °C @ 15 min, DI Water Rinse)

** Average of 3 Points

FIGURE 2

10/25/2006 10:00 AM



INSOLUBLE INORGANIC SLURRY AND RESIDUES

FIGURE 3

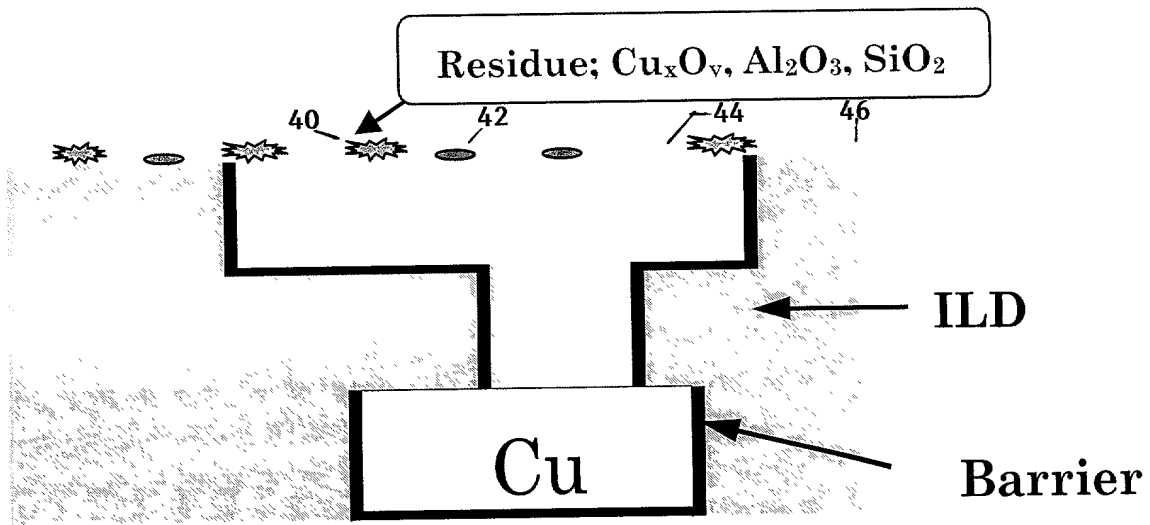


FIGURE 4

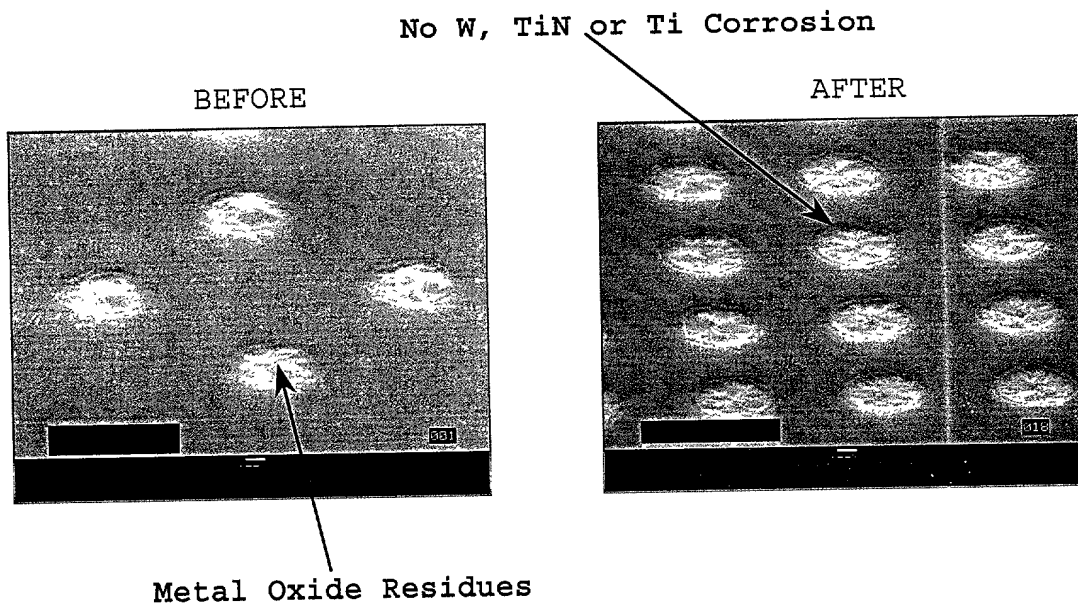


FIGURE 5

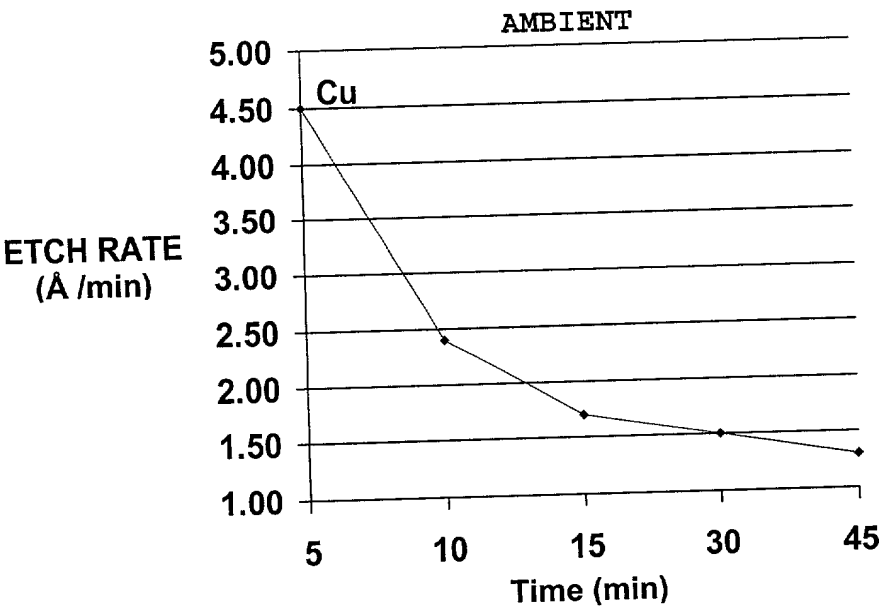


FIGURE 6